

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	281	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 14:03
L2	73	(348/348).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 13:48
L3	63	(348/353).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 13:48
L4	142	(348/349).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 14:03
L5	81	(348/356).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 13:48
L6	276	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 14:03
L7	155	(396/123).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 14:03
L8	114	((396/123).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/04/05 12:51
L9	204	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/04/05 14:04
L10	59	camera same focus same (level or threshold) near3 change	USPAT	OR	ON	2006/04/05 12:51
L14	258	focus same ((adjust change) with (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2006/04/05 12:51
L15	40	focus same ((adjust change) near (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2006/04/05 12:51
L16	9	(396/123).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L17	28	(396/121).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L18	4	(348/356).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L19	43	(348/349).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L20	6	(348/353).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L21	22	(348/348).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L24	33	camera and auto-focusing with contrast	USPAT	OR	ON	2006/04/05 13:11
L26	1425	adjust adj threshold	US-PGPUB	OR	ON	2006/04/05 13:44
L27	4	adjust adj threshold same camera	US-PGPUB	OR	ON	2006/04/05 12:51

## EAST Search History

L29	188	adjust with level same focus	US-PGPUB	OR	ON	2006/04/05 14:03
L30	300	adjust with level same camera	US-PGPUB	OR	ON	2006/04/05 14:03
L32	25	adjust adj threshold same camera	USPAT	OR	ON	2006/04/05 13:45
L33	289	adjust with level same focus	USPAT	OR	ON	2006/04/05 14:03
L34	525	adjust with level same camera	USPAT	OR	ON	2006/04/05 14:03
L35	6	adjust adj threshold same focus	USPAT	OR	ON	2006/04/05 12:51
L37	10	((peak near3 bottom) or p-b) same focus\$4 and camera	USPAT	OR	ON	2006/04/05 12:51
L52	59	camera same focus same (level or threshold) near3 change	USPAT	OR	ON	2006/04/05 12:51
L65	237	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/04/05 12:51
L96	2010	focus\$3 with threshold	USPAT	OR	ON	2006/04/05 12:51
L97	24	focus\$3 with threshold with area with (plurality or multiple or several or many)	USPAT	OR	ON	2006/04/05 13:45
L98	26	focus\$3 with threshold with area with (plural\$3 or multiple or several or many)	USPAT	OR	ON	2006/04/05 12:51
L100	39	focus\$3 with (area or block or region) with select\$4 with threshold	USPAT	OR	ON	2006/04/05 12:51
L147	373	((luminance or contrast) near4 difference) same focus\$4 and camera	USPAT	OR	ON	2006/04/05 14:19
L148	289	adjust with level same focus	USPAT	OR	ON	2006/04/05 12:51
L150	1425	adjust adj threshold	US-PGPUB	OR	ON	2006/04/05 12:51
L151	3099	adjust adj threshold	USPAT	OR	ON	2006/04/05 12:51
L152	2010	focus\$3 with threshold	USPAT	OR	ON	2006/04/05 12:51
L153	3408	focus\$3 with (area or block or region) with select\$4	USPAT	OR	ON	2006/04/05 12:51
S1	190	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2006/02/15 18:34
S2	54	(348/348).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:25
S3	56	(348/353).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:25
S4	104	(348/349).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:25
S5	72	(348/356).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:26
S6	249	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:41

## EAST Search History

S7	143	(396/123).CCLS.	USPAT; USOCR	OR	OFF	2004/01/02 10:26
S8	114	((396/123).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2004/01/02 10:41
S9	202	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2004/01/02 16:15
S10	56	camera same focus same (level or threshold) near3 change	USPAT	OR	ON	2004/01/05 15:43
S11	8	("4686554"   "5068737"   "5218395"   "5227834"   "5272328"   "5502538"   "5572280"   "5594501").PN.	USPAT	OR	ON	2004/01/06 14:24
S12	1	("5365095").PN.	USPAT; USOCR	OR	OFF	2004/01/07 20:13
S13	1	("5361095").PN.	USPAT; USOCR	OR	OFF	2004/01/08 10:30
S14	178	focus same ((adjust change) with (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2004/01/08 10:41
S15	25	focus same ((adjust change) near (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2004/01/08 10:41
S16	6	(396/123).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:14
S17	17	(396/121).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:15
S18	3	(348/356).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:18
S19	18	(348/349).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:18
S20	5	(348/353).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:19
S21	14	(348/348).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:19
S22	82	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2004/01/08 17:35
S23	8	(("5369436") or ("5486860") or ("6229568") or ("6172375") or ("47822396") or ("5822627") or ("5758210") or ("5905919") or ("5361095")).PN.	USPAT; USOCR	OR	OFF	2004/01/08 17:50
S24	24	camera and auto-focusing with contrast	USPAT	OR	ON	2004/01/08 17:50
S25	11	camera and auto-focusing with contrast	US-PGPUB	OR	ON	2004/01/08 17:50

## EAST Search History

S26	571	adjust adj threshold	US-PGPUB	OR	ON	2004/01/08 17:52
S27	1	adjust adj threshold same camera	US-PGPUB	OR	ON	2004/01/08 17:52
S28	1	adjust adj threshold same focus	US-PGPUB	OR	ON	2004/01/08 17:52
S29	93	adjust with level same focus	US-PGPUB	OR	ON	2004/01/08 17:52
S30	117	adjust with level same camera	US-PGPUB	OR	ON	2004/01/08 17:52
S31	2585	adjust adj threshold	USPAT	OR	ON	2004/01/08 17:52
S32	25	adjust adj threshold same camera	USPAT	OR	ON	2004/01/08 17:52
S33	209	adjust with level same focus	USPAT	OR	ON	2004/01/08 17:52
S34	438	adjust with level same camera	USPAT	OR	ON	2004/01/08 17:53
S35	4	adjust adj threshold same focus	USPAT	OR	ON	2004/01/08 17:53
S36	2	"5905919"	USPAT	OR	ON	2004/08/11 19:19
S53	9	((peak near3 bottom) or p-b) same focus\$4 and camera	USPAT	OR	ON	2005/04/11 12:59
S54	19	("4992817").URPN.	USPAT	OR	ON	2005/04/11 12:51
S55	5	("4518242"   "4592638"   "4818865"   "4835561"   "4843227").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/11 12:58
S56	355	((luminance or contrast) near4 difference) same focus\$4 and camera	USPAT	OR	ON	2005/04/11 12:59
S57	246	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:20
S58	67	(348/348).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S59	61	(348/353).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S60	124	(348/349).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S61	76	(348/356).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S62	267	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S63	152	(396/123).CCLS.	USPAT; USOCR	OR	OFF	2005/04/13 15:21
S64	114	((396/123).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2005/04/13 16:25
S65	203	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2005/04/13 16:31
S66	57	camera same focus same (level or threshold) near3 change	USPAT	OR	ON	2005/04/13 15:18

## EAST Search History

S67	215	focus same ((adjust change) with (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2005/04/13 15:18
S68	32	focus same ((adjust change) near (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2005/04/13 15:18
S69	8	(396/123).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 16:17
S70	25	(396/121).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S71	4	(348/356).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S72	31	(348/349).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S73	6	(348/353).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S74	18	(348/348).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S75	150	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/04/13 15:18
S77	29	camera and auto-focusing with contrast	USPAT	OR	ON	2005/04/13 15:18
S78	23	camera and auto-focusing with contrast	US-PGPUB	OR	ON	2005/04/13 15:18
S79	1022	adjust adj threshold	US-PGPUB	OR	ON	2005/04/13 15:18
S80	2	adjust adj threshold same camera	US-PGPUB	OR	ON	2005/04/13 15:18
S81	1	adjust adj threshold same focus	US-PGPUB	OR	ON	2005/04/13 15:18
S82	146	adjust with level same focus	US-PGPUB	OR	ON	2005/04/13 15:18
S83	215	adjust with level same camera	US-PGPUB	OR	ON	2005/04/13 15:18
S84	2876	adjust adj threshold	USPAT	OR	ON	2005/04/13 15:18
S85	25	adjust adj threshold same camera	USPAT	OR	ON	2005/04/13 15:18
S86	247	adjust with level same focus	USPAT	OR	ON	2005/04/13 15:18
S87	486	adjust with level same camera	USPAT	OR	ON	2005/04/13 15:18
S88	4	adjust adj threshold same focus	USPAT	OR	ON	2005/04/13 15:18
S90	9	((peak near3 bottom) or p-b) same focus\$4 and camera	USPAT	OR	ON	2005/04/13 15:18
S91	19	("4992817").URPN.	USPAT	OR	ON	2005/04/13 15:18
S92	5	("4518242"   "4592638"   "4818865"   "4835561"   "4843227").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/13 15:18
S93	355	((luminance or contrast) near4 difference) same focus\$4 and camera	USPAT	OR	ON	2005/04/13 15:18

## EAST Search History

S94	2	(("4992817") or ("5361095")).PN.	USPAT	OR	OFF	2005/04/13 16:31
S95	263	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S96	64	(348/348).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S97	63	(348/353).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S98	130	(348/349).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S99	78	(348/356).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S100	272	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S101	155	(396/123).CCLS.	USPAT; USOCR	OR	OFF	2005/10/17 13:18
S102	114	((396/123).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2005/10/17 12:52
S103	204	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2005/10/17 12:52
S104	8	(396/123).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S105	25	(396/121).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S106	4	(348/356).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S107	38	(348/349).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S108	6	(348/353).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S113	22	(348/348).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 12:52
S116	194	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/10/17 13:05
S129	25	heather.xa. and (long.xa. or jones. xa.) and focus\$3	USPAT	OR	ON	2006/02/15 17:16
S130	3	("4185191"   "5485209"   "6674470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:23
S131	59	camera same focus same (level or threshold) near3 change focus\$3 with threshold	USPAT	OR	ON	2006/02/15 17:24
S132	1974		USPAT	OR	ON	2006/02/15 17:24

## EAST Search History

S13 3	23	focus\$3 with threshold with area with (plurality or multiple or several or many)	USPAT	OR	ON	2006/02/15 17:25
S13 4	25	focus\$3 with threshold with area with (plural\$3 or multiple or several or many)	USPAT	OR	ON	2006/02/15 17:25
S13 5	3380	focus\$3 with (area or block or region) with select\$4	USPAT	OR	ON	2006/02/15 18:35
S13 6	39	focus\$3 with (area or block or region) with select\$4 with threshold	USPAT	OR	ON	2006/02/15 18:35
S14 4	114	((396/123).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/02/16 09:51
S14 5	204	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/02/16 09:24
S14 6	59	camera same focus same (level or threshold) near3 change	USPAT	OR	ON	2006/02/16 09:24
S14 7	249	focus same ((adjust change) with (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2006/02/16 09:24
S14 8	39	focus same ((adjust change) near (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2006/02/16 09:24
S15 3	3	adjust adj threshold same camera	US-PGPUB	OR	ON	2006/02/16 11:12
S15 4	184	adjust with level same focus	US-PGPUB	OR	ON	2006/02/16 12:01
S15 5	289	adjust with level same camera	US-PGPUB	OR	ON	2006/02/16 09:25
S15 6	3066	adjust adj threshold	USPAT	OR	ON	2006/02/16 09:25
S15 7	25	adjust adj threshold same camera	USPAT	OR	ON	2006/02/16 11:13
S15 8	286	adjust with level same focus	USPAT	OR	ON	2006/02/16 09:25
S15 9	520	adjust with level same camera	USPAT	OR	ON	2006/02/16 09:25
S16 4	32	camera and auto-focusing with contrast	USPAT	OR	ON	2006/02/16 11:25
S16 5	35	camera and auto-focusing with contrast	US-PGPUB	OR	ON	2006/02/16 11:13
S16 6	1372	adjust adj threshold	US-PGPUB	OR	ON	2006/02/16 09:25
S16 7	1	adjust adj threshold same focus	US-PGPUB	OR	ON	2006/02/16 09:25

## EAST Search History

S17 0	9	(396/123).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 1	28	(396/121).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 2	4	(348/356).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 3	41	(348/349).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 4	6	(348/353).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 5	22	(348/348).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S17 6	6	adjust adj threshold same focus	USPAT	OR	ON	2006/02/16 09:25
S17 7	10	((peak near3 bottom) or p-b) same focus\$4 and camera	USPAT	OR	ON	2006/02/16 09:25
S18 1	371	((luminance or contrast) near4 difference) same focus\$4 and camera	USPAT	OR	ON	2006/02/16 09:25
S18 2	276	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S18 3	71	(348/348).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S18 4	63	(348/353).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 12:00
S18 7	276	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S19 1	229	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 09:25
S19 2	204	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/02/16 09:25
S19 5	139	(348/349).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S19 6	81	(348/356).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S19 8	155	(396/123).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 09:25
S19 9	1974	focus\$3 with threshold	USPAT	OR	ON	2006/02/16 09:25
S20 0	23	focus\$3 with threshold with area with (plurality or multiple or several or many)	USPAT	OR	ON	2006/02/16 11:27

## EAST Search History

S20 1	25	focus\$3 with threshold with area with (plural\$3 or multiple or several or many)	USPAT	OR	ON	2006/02/16 11:29
S20 2	3380	focus\$3 with (area or block or region) with select\$4	USPAT	OR	ON	2006/02/16 09:25
S20 5	1	("4592638").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 11:59
S20 6	1	("6424808").URPN.	USPAT	OR	ON	2006/02/16 11:59
S20 7	4	("4636624"   "4835615"   "4859842"   "5333028").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 12:13
S20 8	3066	adjust adj threshold	USPAT	OR	ON	2006/02/16 19:09
S20 9	286	adjust with level same focus	USPAT	OR	ON	2006/02/16 19:09
S21 0	520	adjust with level same camera	USPAT	OR	ON	2006/02/16 19:09
S21 1	1372	adjust adj threshold	US-PGPUB	OR	ON	2006/02/16 19:09
S21 2	1974	focus\$3 with threshold	USPAT	OR	ON	2006/02/16 19:09
S21 3	3380	focus\$3 with (area or block or region) with select\$4	USPAT	OR	ON	2006/02/16 19:09
S21 4	204	((396/121).CCLS.) and @ad<="19990406"	USPAT	OR	ON	2006/02/16 19:09
S21 5	249	focus same ((adjust change) with (threshold level) with (between middle))	US-PGPUB; USPAT	OR	ON	2006/02/16 19:08
S21 6	276	(348/345).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 19:08
S21 7	276	(396/121).CCLS.	USPAT; USOCR	OR	OFF	2006/02/16 19:08
S21 8	229	(348/345).CCLS.	US-PGPUB; USOCR	OR	OFF	2006/02/16 19:08
S21 9	371	((luminance or contrast) near4 difference) same focus\$4 and camera	USPAT	OR	ON	2006/02/16 19:08